

regular flower, superficially resembling that of a *Goodyera* much more than that of a *Habenaria* and reminiscent of *H. psycodes* only in color.

Miss Bryan makes no mention of the column in her description of var. *ecalcarata*; in Dr. Perkins's material, however, this organ shares the peloric tendencies of the perianth. Instead of the usual two nearly erect anther-sacs, it develops four, set at various angles in a rough half-circle about its upper part. Presumably the four sacs represent the two anthers of the simpler orchids, such as *Cypripedium*, and their arrangement, like the almost regular perianth, indicates a reversion toward a more primitive and more regular type of flower. All the sacs examined produced pollinia, but these were without distinguishable glands. The whole anterior surface of the column was strongly viscid; but I was unable to determine whether or not the stigma was fully formed and capable of performing its function.

In both Miss Bryan's and Dr. Perkins's material, all the flowers were alike, the peloria not being, as sometimes, confined to a portion of the inflorescence. Miss Bryan's specimens came from Bay View, Mich., where several plants were observed to persist for years: Dr. Perkins noted only one plant at her station. A precisely analogous form of *Habenaria fimbriata* was collected years ago by H. G. Jesup at Lynn, N. H., and described and illustrated by him, but not given a name.<sup>2</sup>—C. A. WEATHERBY, East Hartford, Conn.

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POLYGALA PAUCIFOLIA Willd., forma **vestita**, n. f., foliis dense pilosis, pilis canescentibus.

Leaves densely pilose with canescent hairs.—NEW HAMPSHIRE: rich deciduous woods, northwest base of Fall Mountain, Walpole, May 26, 1917, L. A. Wheeler & M. L. Fernald (TYPE in Herb. N. E. Bot. Club).

The common form of *Polygala paucifolia* has the leaves green and quite glabrous except for a slight ciliation and sometimes a little pilosity on the midrib. Forma *vestita* is conspicuous when growing on account of its pale foliage and at Walpole forms an extensive carpet.—M. L. FERNALD, Gray Herbarium.

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<sup>2</sup> Bot. Gaz. xviii. 189-190 (1893).